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May 19, 2003

VIA FACSIMILE
 (16 total pages)

To: Examiner Krystyna Schecki
 Group Art Unit No. 2882
 U.S.P.T.O. Facsimile No.: (703) 872-9318
 Before Final FAX

From: Kendal M. Sheets, Sean M. McGinn Facsimile No.: (703) 761-2375

Re: §1.111 Amendment
 Application No.: 09/626,946
 Our Ref: HIR.039 *09/892 560*

Dear Examiner Schecki:

Please find enclosed is an Amendment for the above-listed Application, which should place the above-referenced case in condition for allowance.

Thank you in advance for your consideration on this case.

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MAY 27 2003

GROUP 3600

Very truly yours,

Kendal M. Sheets
 Kendal M. Sheets, Reg. No. 47,077
 Sean M. McGinn, Reg. No. 34,386

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TECHNOLOGY CENTER 2800

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Toru HOSOI

Serial No.: 09/892,500

Group Art Unit: 2882

Filed: June 28, 2001

Examiner: Susecksi, Krystyna

Atty. Docket No. PNDF-01095

For: **ARRAYED WAVEGUIDE GRATING AND OPTICAL COMMUNICATION SYSTEM USING ARRAYED WAVEGUIDE GRATING**Honorable Assistant Commissioner of Patents
Washington, D.C. 20231**AMENDMENT UNDER 37 C.F.R. 1.111**

Sir:

In response to the Office Action dated February 18, 2003, please amend the above-identified application as follows:

IN THE CLAIMS:

Please cancel claims 2, 3, and 5-9 without prejudice or disclaimer.

Please amend the claims, as follows:

1. (Amended) An arrayed waveguide grating, comprising:
 - a substrate;
 - a first channel waveguide disposed on the substrate;
 - a parabolized channel waveguide array disposed on said substrate and constituted such that each length of parabolized waveguides in the parabolized channel waveguide array is sequentially longer with a predetermined difference between the lengths of the waveguides;